

09/993241

cogc

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Attention: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 9, 2005

Signature:


(Jeanne M. Brashear)Docket No.: 30610/30008
(PATENT)**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Letters Patent of:
Emil D. Kakkis

Patent No.: 6,858,206

Issued: February 22, 2005

For: METHODS FOR TREATING DISEASES
CAUSED BY DEFICIENCIES OF
RECOMBINANT ALPHA-L-IDURONIDASE

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.323**

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate
NOV 18 2005
of Correction

Dear Sir:

Patentees respectfully request a Certificate of Correction to be issued for the above-identified U.S. Patent correcting the patent as noted on the attached "Certificate of Correction" form PTO/SB/44. A duplicate of the form is attached hereto.

Errors in the patent can be verified by reference to the application as follows:

| APPLICATION PG. NO. | APPLICATION LINE NO. | COLUMN NO. | LINE NO. | ERROR |
|---|--|------------|--------------|-------|
| Terminal Disclaimer filed 4/15/04 | -- | Cover page | Section (8) | PTO |
| Corrected Filing Receipt mailed 4/24/03 | -- | Cover page | Section (63) | PTO |
| Amendment filed 7/24/2002 | Pages 1-2; Amendments to the sequence listing | 29-40 | -- | PTO |

11/15/2005 NNGUYEN1 00000114 6858206

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| APPLICATION PG. NO. | APPLICATION LINE NO. | COLUMN NO. | LINE NO. | ERROR |
|----------------------------|-------------------------|--------------|----------|-----------|
| Amendment filed 4/15/04 | Page 4, claim 28 | 41; Claim 17 | 65 | PTO |
| Amendment filed 4/15/04 | Page 10, claim 56 | 44, Claim 45 | 24 | Applicant |

The errors now sought to be corrected are inadvertent typographical errors the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

At least one of the errors was found in the application as filed by applicant. Accordingly, our check in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 30610/30008. A duplicate copy of this paper is enclosed.

Dated: November 9, 2005

Respectfully submitted,

By *Jeanne M. Brashear*
Jeanne M. Brashear

Registration No.: 56,301
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233 S. Wacker Drive, Suite 6300
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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 6,858,206
APPLICATION NO. : 09/993,241
ISSUE DATE : February 22, 2005
INVENTOR(S) : Emil D. Kakkis

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page

On the Cover page, at Section (*), please insert --This patent is subject to a terminal disclaimer.--

On the Cover page, at Section (63), please insert --, now U.S. Patent No. 6,426,208.-- after "July 12, 1999"

Sequence Listing

Please delete the sequence listing as published and replace with the paper copy attached hereto.

Claims

At column 41, line 65, claim 17, please delete "flex ion" and insert --flexion--

At column 44, line 24, claim 45, please delete "hypepea" and insert --hypopnea--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Jeanne M. Brashear
MARSHALL, GERSTEIN & BORUN LLP
233 S. Wacker Drive, Suite 6300
Sears Tower
Chicago, Illinois 60606-6357

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NOV 18 2005

SEQUENCE LISTING

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Becky Tanamachi

<120> Recombinant Alpha-L-Iduronidase, Methods
for Producing and Purifying the Same and Methods for
Treating Diseases Caused by Deficiencies Thereof

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NOV 18 2005

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NOV 18 2005

NOV 18 2005

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NOV 18 2005

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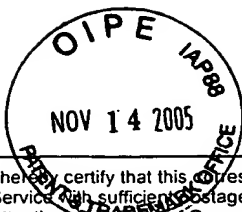
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| Met | Arg | Pro | Leu | Arg | Pro | Arg | Ala | Ala | Leu | Leu | Ala | Leu | Leu | Ala | Ser |
| 1 | | | 5 | | | | | 10 | | | 15 | | | | |
| Leu | Leu | Ala | Ala | Pro | Pro | Val | Ala | Pro | Ala | Glu | Ala | Pro | His | Leu | Val |
| | | 20 | | | | | 25 | | | | 30 | | | | |
| His | Val | Asp | Ala | Ala | Arg | Ala | Leu | Trp | Pro | Leu | Arg | Arg | Phe | Trp | Arg |
| | | 35 | | | | 40 | | | | | 45 | | | | |
| Ser | Thr | Gly | Phe | Cys | Pro | Pro | Leu | Pro | His | Ser | Gln | Ala | Asp | Gln | Tyr |
| | 50 | | | | 55 | | | | | 60 | | | | | |
| Val | Leu | Ser | Trp | Asp | Gln | Gln | Leu | Asn | Leu | Ala | Tyr | Val | Gly | Ala | Val |
| 65 | | | | 70 | | | | 75 | | | | | | 80 | |
| Pro | His | Arg | Gly | Ile | Lys | Gln | Val | Arg | Thr | His | Trp | Leu | Leu | Glu | Leu |
| | | | 85 | | | | 90 | | | | | | | 95 | |
| Val | Thr | Thr | Arg | Gly | Ser | Thr | Gly | Arg | Gly | Leu | Ser | Tyr | Asn | Phe | Thr |
| | | 100 | | | | | 105 | | | | | | 110 | | |
| His | Leu | Asp | Gly | Tyr | Leu | Asp | Leu | Leu | Arg | Glu | Asn | Gln | Leu | Leu | Pro |
| | 115 | | | | 120 | | | | | 125 | | | | | |
| Gly | Phe | Glu | Leu | Met | Gly | Ser | Ala | Ser | Gly | His | Phe | Thr | Asp | Phe | Glu |
| | 130 | | | | 135 | | | | | 140 | | | | | |
| Asp | Lys | Gln | Gln | Val | Phe | Glu | Trp | Lys | Asp | Leu | Val | Ser | Ser | Leu | Ala |
| 145 | | | | 150 | | | | | 155 | | | | | 160 | |
| Arg | Arg | Tyr | Ile | Gly | Arg | Tyr | Gly | Leu | Ala | His | Val | Ser | Lys | Trp | Asn |
| | | | 165 | | | | 170 | | | | | | | 175 | |
| Phe | Glu | Thr | Trp | Asn | Glu | Pro | Asp | His | His | Asp | Phe | Asp | Asn | Val | Ser |
| | | 180 | | | | | 185 | | | | | | 190 | | |
| Met | Thr | Met | Gln | Gly | Phe | Leu | Asn | Tyr | Tyr | Asp | Ala | Cys | Ser | Glu | Gly |
| | 195 | | | | | 200 | | | | | | 205 | | | |
| Leu | Arg | Ala | Ala | Ser | Pro | Ala | Leu | Arg | Leu | Gly | Gly | Pro | Gly | Asp | Ser |
| | 210 | | | | | 215 | | | | | 220 | | | | |
| Phe | His | Arg | Pro | Pro | Arg | Ser | Pro | Leu | Ser | Trp | Gly | Leu | Leu | Arg | His |
| 225 | | | | | 230 | | | | | 235 | | | | 240 | |

NOV 18 2005

| | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
| Cys | His | Asp | Gly | Thr | Asn | Phe | Phe | Thr | Gly | Glu | Ala | Gly | Val | Arg | Leu | | |
| | | | | 245 | | | | | 250 | | | | | 255 | | | |
| Asp | Tyr | Ile | Ser | Leu | His | Arg | Lys | Gly | Ala | Arg | Ser | Ser | Ile | Ser | Ile | | |
| | | | 260 | | | | | 265 | | | | | 270 | | | | |
| Leu | Glu | Gln | Glu | Lys | Val | Val | Ala | Gln | Gln | Ile | Arg | Gln | Leu | Phe | Pro | | |
| | | 275 | | | | | 280 | | | | | 285 | | | | | |
| Lys | Phe | Ala | Asp | Thr | Pro | Ile | Tyr | Asn | Asp | Glu | Ala | Asp | Pro | Leu | Val | | |
| | 290 | | | | | 295 | | | | | 300 | | | | | | |
| Gly | Trp | Ser | Leu | Pro | Gln | Pro | Trp | Arg | Ala | Asp | Val | Thr | Tyr | Ala | Ala | | |
| 305 | | | | | 310 | | | | | 315 | | | | | 320 | | |
| Met | Val | Val | Lys | Val | Ile | Ala | Gln | His | Gln | Asn | Leu | Leu | Leu | Ala | Asn | | |
| | | | 325 | | | | | | 330 | | | | | 335 | | | |
| Thr | Thr | Ser | Ala | Phe | Pro | Tyr | Ala | Leu | Ser | Asn | Asp | Asn | Ala | Phe | | | |
| | | 340 | | | | | | 345 | | | | 350 | | | | | |
| Leu | Ser | Tyr | His | Pro | His | Pro | Phe | Ala | Gln | Arg | Thr | Leu | Thr | Ala | Arg | | |
| | 355 | | | | | | 360 | | | | | 365 | | | | | |
| Phe | Gln | Val | Asn | Asn | Thr | Arg | Pro | Pro | His | Val | Gln | Leu | Leu | Arg | Lys | | |
| | 370 | | | | | 375 | | | | | 380 | | | | | | |
| Pro | Val | Leu | Thr | Ala | Met | Gly | Leu | Leu | Ala | Leu | Leu | Asp | Glu | Glu | Gln | | |
| 385 | | | | | 390 | | | | | 395 | | | | | 400 | | |
| Leu | Trp | Ala | Glu | Val | Ser | Gln | Ala | Gly | Thr | Val | Leu | Asp | Ser | Asn | His | | |
| | | | 405 | | | | | 410 | | | | | | 415 | | | |
| Thr | Val | Gly | Val | Leu | Ala | Ser | Ala | His | Arg | Pro | Gln | Gly | Pro | Ala | Asp | | |
| | 420 | | | | | | | 425 | | | | | 430 | | | | |
| Ala | Trp | Arg | Ala | Ala | Val | Leu | Ile | Tyr | Ala | Ser | Asp | Asp | Thr | Arg | Ala | | |
| | 435 | | | | | | 440 | | | | | 445 | | | | | |
| His | Pro | Asn | Arg | Ser | Val | Ala | Val | Thr | Leu | Arg | Leu | Arg | Gly | Val | Pro | | |
| | 450 | | | | | 455 | | | | | 460 | | | | | | |
| Pro | Gly | Pro | Gly | Leu | Val | Tyr | Val | Thr | Arg | Tyr | Leu | Asp | Asn | Gly | Leu | | |
| 465 | | | | | 470 | | | | | 475 | | | | | 480 | | |
| Cys | Ser | Pro | Asp | Gly | Glu | Trp | Arg | Arg | Leu | Gly | Arg | Pro | Val | Phe | Pro | | |
| | | | 485 | | | | | | 490 | | | | | 495 | | | |
| Thr | Ala | Glu | Gln | Phe | Arg | Arg | Met | Arg | Ala | Ala | Glu | Asp | Pro | Val | Ala | | |
| | | 500 | | | | | | 505 | | | | | 510 | | | | |
| Ala | Ala | Pro | Arg | Pro | Leu | Pro | Ala | Gly | Gly | Arg | Leu | Thr | Leu | Arg | Pro | | |
| | | 515 | | | | | 520 | | | | | 525 | | | | | |
| Ala | Leu | Arg | Leu | Pro | Ser | Leu | Leu | Leu | Val | His | Val | Cys | Ala | Arg | Pro | | |
| | 530 | | | | | 535 | | | | | 540 | | | | | | |
| Glu | Lys | Pro | Pro | Gly | Gln | Val | Thr | Arg | Leu | Arg | Ala | Leu | Pro | Leu | Thr | | |
| 545 | | | | | 550 | | | | | 555 | | | | | 560 | | |
| Gln | Gly | Gln | Leu | Val | Leu | Val | Trp | Ser | Asp | Glu | His | Val | Gly | Ser | Lys | | |
| | | | 565 | | | | | | 570 | | | | | 575 | | | |
| Cys | Leu | Trp | Thr | Tyr | Glu | Ile | Gln | Phe | Ser | Gln | Asp | Gly | Lys | Ala | Tyr | | |
| | | 580 | | | | | | 585 | | | | | 590 | | | | |
| Thr | Pro | Val | Ser | Arg | Lys | Pro | Ser | Thr | Phe | Asn | Leu | Phe | Val | Phe | Ser | | |
| | | 595 | | | | | 600 | | | | | 605 | | | | | |
| Pro | Asp | Thr | Gly | Ala | Val | Ser | Gly | Ser | Tyr | Arg | Val | Arg | Ala | Leu | Asp | | |
| | 610 | | | | | 615 | | | | | | 620 | | | | | |
| Tyr | Trp | Ala | Arg | Pro | Gly | Pro | Phe | Ser | Asp | Pro | Val | Pro | Tyr | Leu | Glu | | |
| 625 | | | | | 630 | | | | | 635 | | | | | 640 | | |
| Val | Pro | Val | Pro | Arg | Gly | Pro | Pro | Ser | Pro | Gly | Asn | Pro | | | | | |
| | | | | 645 | | | | | 650 | | | | | | | | |

NOV 18 2005



I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Attention: Certificate of Correction Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: November 9, 2005

Signature: Jeane M. Brashear
(Jeane M. Brashear)

Docket No.: 30610/30008
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Emil D. Kakkis

Patent No.: 6,858,206

Issued: February 22, 2005

For: METHODS FOR TREATING DISEASES
CAUSED BY DEFICIENCIES OF
RECOMBINANT ALPHA-L-IDURONIDASE

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.323**

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Patentees respectfully request a Certificate of Correction to be issued for the above-identified U.S. Patent correcting the patent as noted on the attached "Certificate of Correction" form PTO/SB/44. A duplicate of the form is attached hereto.

Errors in the patent can be verified by reference to the application as follows:

| APPLICATION PG. NO. | APPLICATION LINE NO. | COLUMN NO. | LINE NO. | ERROR |
|---|--|------------|--------------|-------|
| Terminal Disclaimer filed 4/15/04 | -- | Cover page | Section (8) | PTO |
| Corrected Filing Receipt mailed 4/24/03 | -- | Cover page | Section (63) | PTO |
| Amendment filed 7/24/2002 | Pages 1-2; Amendments to the sequence listing | 29-40 | -- | PTO |

NOV 18 2005

| APPLICATION PG. NO. | APPLICATION LINE NO. | COLUMN NO. | LINE NO. | ERROR |
|----------------------------|-------------------------|--------------|----------|-----------|
| Amendment filed 4/15/04 | Page 4, claim 28 | 41; Claim 17 | 65 | PTO |
| Amendment filed 4/15/04 | Page 10, claim 56 | 44, Claim 45 | 24 | Applicant |

The errors now sought to be corrected are inadvertent typographical errors the correction of which does not involve new matter or require reexamination.

Transmitted herewith is a proposed Certificate of Correction effecting such amendment. Patentee respectfully solicits the granting of the requested Certificate of Correction.

At least one of the errors was found in the application as filed by applicant. Accordingly, our check in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 30610/30008. A duplicate copy of this paper is enclosed.

Dated: November 9, 2005

Respectfully submitted,

By Jeanne M. Brashear
Jeanne M. Brashear

Registration No.: 56,301
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233 S. Wacker Drive, Suite 6300
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Chicago, Illinois 60606-6357
(312) 474-6300
Agent for Applicant

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 6,858,206
APPLICATION NO. : 09/993,241
ISSUE DATE : February 22, 2005
INVENTOR(S) : Emil D. Kakkis

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page

On the Cover page, at Section (*), please insert --This patent is subject to a terminal disclaimer.--

On the Cover page, at Section (63), please insert --, now U.S. Patent No. 6,426,208.-- after "July 12, 1999"

Sequence Listing

Please delete the sequence listing as published and replace with the paper copy attached hereto.

Claims

At column 41, line 65, claim 17, please delete "flex ion" and insert --flexion--

At column 44, line 24, claim 45, please delete "hypepea" and insert --hypopnea--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

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233 S. Wacker Drive, Suite 6300
Sears Tower
Chicago, Illinois 60606-6357

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NOV 18 2005